

Fast Flux Test Facility (FFTF) Project (RL-0042)

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The Fast Flux Text Facility



Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of December 2004.

Notable Accomplishments

Fuel Offload: Four Interim Storage Casks (ISCs) were shipped from FFTF to the 200-Area Interim Storage Area. This represents the fourth through seventh of nine ISCs that will be shipped during this campaign.

Closed-Loop ExVessel Machine (CLEM): During fuel transfers between the Interim Decay Storage vessel and Interim Examination and Maintenance Cell, the CLEM experienced a failure of a load cell, which is used to measure force being exerted on the jaw actuation chain. Fortunately the original designers had included a redundant installed spare load cell, which was utilized after a minor rewiring modification. If this had not been the case, a significant repair effort would have been required for CLEM, which undoubtedly would have delayed fuel offload.

Primary Sodium Drain: Good progress continues on preparations for Phase 3 of primary sodium drain to complete draining of the reactor vessel. Assembly of the reactor vessel drain pump continued in the Maintenance and Storage Facility (MASF). The first section of the pump mast was completed, the sodium and argon lines were welded and the strongback was extended. Preparations for testing the pump in MASF also continued; the test tank was fabricated and placed in the air cell.

FY 2005 Funds vs. Spend Forecast (\$M)

	Projected FY 2005 Funding	FY 2005 Fiscal Year Spend Forecast	Variance
Nuclear Facility D&D, FFTF Project	\$ 46.4	\$ 44.2	\$ 2.2

FY 2005 Schedule/Cost Performance (\$M)

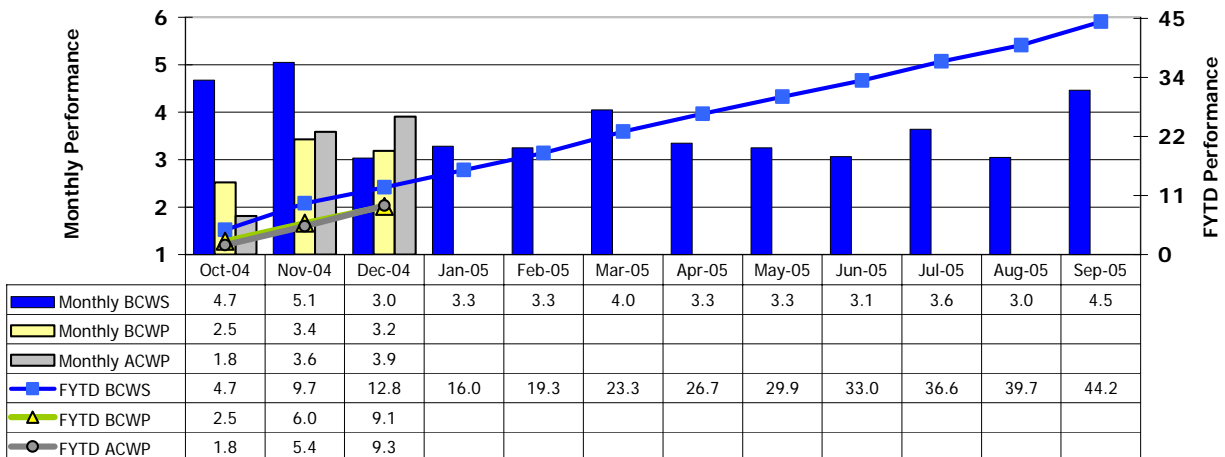
	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
Nuclear Facility D&D, FFTF Project	\$12.8	\$9.1	\$9.3	-\$3.6	-28.4%	-\$0.2	-1.9%	\$44.2

Schedule Performance (-\$3.6M/-28.4%): The schedule variance is an artificial variance due to the ISC procurement being budgeted in October and November to clearly identify the timing of needed funds; the fabrication will actually occur from December until the end of the fiscal year.

Cost Performance (-\$0.2M/-1.9%): The cost variance is due to the ISC contract accrual being larger than anticipated and commensurate BCWP was not claimed.

FY 2005 Schedule/Cost Performance (Continued)

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
RL42-1a3	Complete loading and transferring ten additional ISCs	PI	3/31/05		3/31/05	On Schedule